## display history

ENTER (BRIEF) OR FULL: full

ENTER (L1-), L#, OR ?:11-110

	(FILE	'USPA	AT' E	ENTER	ED A	T 1	7:34:	,20	ØΝ	29	SEP	1999	9)
L1	1	71025	SEA	BIAS	ING	OR :	ERAS/	NG v	/				
L2-		28886	SEA	MAGN	ETIC	TA:	PÆ 🖊						
L3	1	85234	SEA	OSCI	LLAT	1###,	1)						
L4	1	53273	SEA	TRAN	SIST	OR							
L5	1	50028					,						
L6		0	SEA	L1(P	) L2 (	P)L	3 /∕₽),I	4 (E	) L5	, ,			
L7		1458	SEA	L1(1	W)HE	AD#	1/						
L8		20	SEA	L7 (P	) L2 (	P)L	3 <b>/</b>						
	FILE	'JPO'	ENT	ERED	AT 1	.7:3	9:43	ОИ	29	SEP	199	€9	
L9		19	SEA	L7(P	) L2 (	P)L	3						
	FILE	'EPO'	ENTI	ERED	AT 1	.7:4	6:05	ОИ	29	SEP	199	∍9	
L10		3	SEA	L7 (P	) L2 (	P)L	3						

display 18

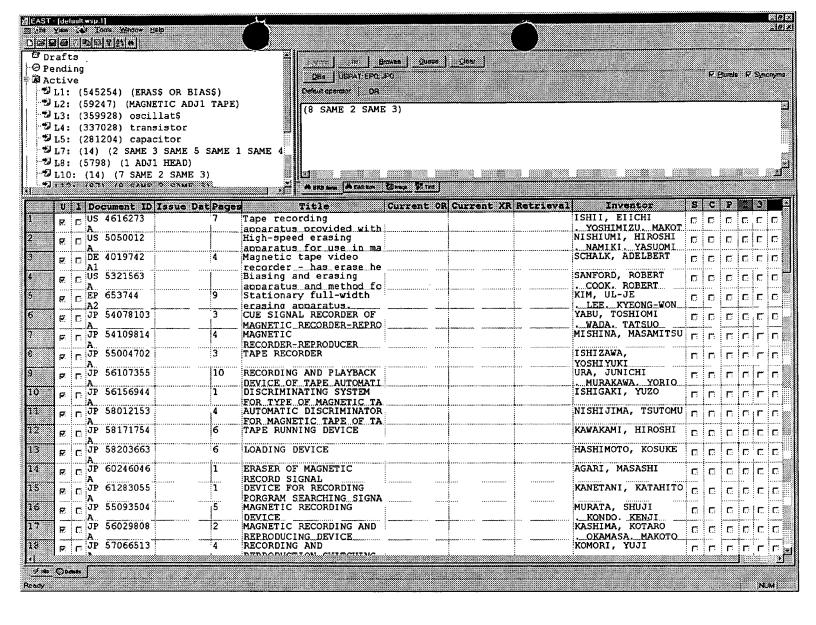
ENTER ANSWER NUMBER OR RANGE (1):1-20

ENTER DISPLAY FORMAT (CIT):cit

- 1. 5,592,344, Jan. 7, 1997, AC bias control circuit for magnetic recording head; Tatsuya Tsuruoka, 360/66, 68 [IMAGE AVAILABLE]
- 2. 5,495,929, Mar. 5, 1996, Apparatus and method for validation of bank notes and other valuable documents; Valeri V. Batalianets, et al., 194/207; 382/137 [IMAGE AVAILABLE]
- 3. 5,341,253, Aug. 23, 1994, Extended circuit of a HiFi KARAOKE video cassette recorder having a function of simultaneous singing and recording; Pohsien Liao, et al., 434/307A; 360/13 [IMAGE AVAILABLE]
- 4. 5,050,012, Sep. 17, 1991, High-speed erasing apparatus for use in magnetic recording/reproducing system; Hiroshi Nishiumi, et al., 360/66 [IMAGE AVAILABLE]
- 5. 5,036,411, Jul. 30, 1991, Magnetic tape transport mechanism which absorbs magnetic tape oscillations and vibrations in the vicinity of a rotational drum; Atsushi Hosoya, et al., 360/85, 130.32 [IMAGE AVAILABLE]
- 6. 4,827,360 May 2, 1989, Rotary transformer with winding to cancel crosstalk; Satoshi Kawasaki, et al., 360/64, 66, 124 [IMAGE AVAILABLE]
- 7. 4,616,273, Oct. 7, 1986, Tape recording apparatus provided with a bias control device; Eiichi Ishii, et al., 360/66 [IMAGE AVAILABLE]
- 8. 4,527,206, Jul. 2, 1985, Apparatus for controlling braking operation of a magnetic tape transport; Shigeru Suzuki, et al., 360/71; 242/355; 360/74.1 [IMAGE AVAILABLE]
- 9. 4,504,874, Mar. 12, 1985, Tape recorder; Yugo Imai, 360/66 [IMAGE AVAILABLE]
- 10. 4,435,735, Mar. 6, 1984, Magnetic recording-reproducing apparatus with constant length cue signal; Kenji Furuta, 360/74.4, 72.1 [IMAGE AVAILABLE]
- 11. 4,262,255, Apr. 14, 1981, Level indicating device; Akira Kokei, et al., 324/103P, 96, 122; 345/40, 75 [IMAGE AVAILABLE]
- 12. 4,223,362, Sep. 16, 1980, Tape recording and/or reproducing apparatus; Yoshio Kishi, 360/137, 61, 69, 74.1, 96.3 [IMAGE AVAILABLE]
- 13. 4,146,956, Apr. 3, 1979, Method for manufacturing a multipolar erasing head; Tatsuo Fujiwara, 29/603.08, 593, 737; 360/118; 361/143 [IMAGE AVAILABLE]
- 14. 4,038,692, Jul. 26, 1977, Tape sensing device for magnetic tape recording and/or reproducing apparatus; Kenkichi Umeda, et al., 360/25, 65, 66 [IMAGE AVAILABLE]
- 15. 3,812,529 May 21, 1974, SYSTEM FOR DISCRIMINATING CLASSIFICATION OF A MAGNETIC RECORDING MEDIUM; Tsuchiya Yoichi, 360/25; 324/212; 360/66

## [IMAGE AVAILABLE]

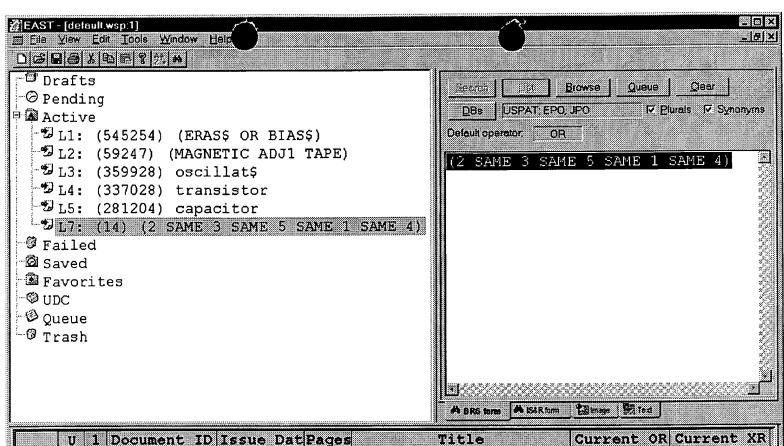
- 16. 3,800,327; Mar. 26, 1974, MAGNETIC RECORDING AND RODUCING APPARATUS WITH ERASING HEAD AND A TAPE GUIDE MOUNTED ON A MOVABLE CARRIAGE; Shin Okita, et al., 360/105; 242/340; 360/60, 118 [IMAGE AVAILABLE]
- 17. 3,668,310, Jun. 6, 1972, MAGNETIC VIDEO RECORDING AND REPRODUCING APPARATUS; Osahiko Yano, et al., 360/84, 15, 16, 31, 75 [IMAGE AVAILABLE]
- 18. 3,655,910, Apr. 11, 1972, A MAGNETIC RECORDING, REPRODUCING, AND EDITING APPARATUS; Yoshiyo Wada, et al., 386/54 [IMAGE AVAILABLE]
- 19. 3,641,507, Feb. 8, 1972, ELECTRONIC TEACHING APPARATUS; Masahiro Kosaka, et al., 434/320; 364/920, 920.1, 926, 932, 932.4, 932.6, 947, 947.5, 948.2, 952.4, 952.6, DIG.2 [IMAGE AVAILABLE]
- 20. 3,582,916, Jun. 1, 1971, PULSE DELAY ARRANGEMENT; Hans Joachim Stock, et al., 360/7; 333/138; 360/54, 100.1 [IMAGE AVAILABLE]



	lwsp.ll 37 Tools Window L 96 [53] 9 [23] 44	व्यंश	Ö	*****	0							#   #
Tu la	Dominant III	Issue Dat Pages	Title		Current XR Retrieval	Inventor	s	С	P	21	3	
9 5 6	JP 57066514		RECORDING AND			KOMORI, YUJI	*********	n	******		r r	- 28
SSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSS	A JP 57133504	3	REPRODUCTION SWITCHING ERASING SYSTEM OF			OMORI, TAKASHI	r.	r	г	п	ר נ	7
T P C	A JP 59110005	4	MAGNETIC RECORDING MEDI AUTO REVERSE TYPE TAPE RECORDER			MOTOYAMA, KAZUYASU . TAKENAGA. HIDEO	г	г	r.	п	ר. נ	
: :	JP 59146409	3	ERASING DEVICE OF TAPE RECORDER			HENMI, SHOICHI , OGAMI, HARUO	П	П	Ľ.	C	π. (	- 1
3 P C	JP 60076005	5	MAGNETIC TAPE ERASER	:		FUKAZAWA, TOSHIO . NAGATA. YUJI	П	С	C:	г	ר. נ	7
	JP 60223008	1	BIAS CONTROLLER			ISHII, HIDEKAZU YOSHIMIZU, MAKOT	С	С	r.	П	<b>.</b> .	-
: :	JP 60243813	1	PERMANENT-MAGNET ERASING HEAD			KONISHI, SHUHEI	C.	r	C	r,	r. r	-
SSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSS	JP 61170904		MAGNETIC ERASING DEVICE FOR MAGNETIC TAPE			SONE, KIYOSHI	r	r	٦	r	r r	7.
6606666666 <b>8</b>	JP 62117107 A	1	RECORDING SIGNAL LEVEL ADJUSTING DEVICE			SAKO, KAZUYA . ITO. TATSUO	r	г	г	г	r r	F
8 R C	JP 62197903	5	MAGNETIC RECORDING AND REPRODUCING DEVICE			OUCHI, HIROSHI	r	г	c	r	ר ו	1
\$\$\$\$\$\$\$\$\$\$ <b>\$</b>	JP 63127415	10	TRACK PATTERN GENERATING DEVICE USING	1		SAITO, ISAO	c	г	េ	г	ר ו	5
3333333	JP 63229607		MAGNETIC RECORDING AND REPRODUCING DEVICE			NAGAOKA, HIDEKAZU	C	г	r	г	רו	
2000.03.00	JP 01303602 A		MAGNETIC RECORDING AND REPRODUCING DEVICE			HIGURE, SEIJI	r	П	r	С	r i	<u></u>
	JP 02312046 A.	2	IMPEDANCE ROLLER			NAKAI, HIROSHIGE	r	г	г	С	r (	5
::::::::::::::::::::::::::::::::::::::	JP 06131616 A	6	MAGNETIC RECORDING AND REPRODUCING DEVICE FOR			KAWAGUCHI, MORIYUKI	r	С	г	г	r (	5
ı s c	JP 02185704		MAGNETIC RECORDING AND REPRODUCING DEVICE			KITAZAWA, KENICHI	С	Б	г	С	г (	5
000000000	JP 02210602 A	6	MAGNETIC RECORDER			HIGURE, SEIJI	L.	С	r	רו	г (	5
33333334 :	JP 03116401 A	6	MAGNETIC RECORDER			NAKAMURA, KENJI	n	Б	Г	٦	<b>.</b>	5
***************************************	JP 04060903 A		MAGNETIC RECORDING AND REPRODUCING DEVICE	1		HATTORI, ICHIRO	r	г	r	r	۱	<b>-</b> ;
: :	JP 05020627 A		MAGNETIC RECORDING AND REPRODUCING DEVICE			SATO, MASAO	r	г	г	r	ا۳	<u> </u>
888888 <b>3</b> :	JP 05151513 A	<u> </u>	FIXED ERASE HEAD			KOMAZAKI, TAKAHIRO	г	r	г	г	Г	¬;
::::::::::::::::::::::::::::::::::::::	JP 05282609 A	ļ	ROTARY SCANNING TYPE MAGNETIC RECORDING/REPR			HIGASHIYAMA, TAIJI	г	n	п	٦	۱	<del>-</del> ;
33333331 (	JP 10055502 A		BIAS OSCILLATION CIRCUIT			KITAGAWA, KATSUTO . SAKAMOTO. JUNICH	r	п	г	Г	۱	7
	JP 10105910 A		MAGNETIC RECORDING AND REPRODUCING DEVICE			SAKAMOTO, JUNICHI	г	r	г	r	r	7
R   C	JP 10293903	5	RECORDING CIRCUIT FOR MAGNETIC TARE			ICHIMURA, KOEN	П	Г	г	П	<b>c</b>	 889
Z His Citation	J										NUM	Ē

	of Iools Window  10  83  7  21  44	Help.									•	
			Settler									
U 1	Document II	Issue Dat Page		0 x00000000000000000000000000000000000		Retrieval Inventor	5	C				
P L	US 3582916	19710601	PULSE DELAY ARRANGEMENT	360/7	333/138	Stock, Hans	П	П	П	٣	r	Γ
ø r	A US 3641507	19720208	ELECTRONIC TEACHING	434/320	: 360/100. 364/920	Joachim Kosaka, Masahiro		_				
	T.	13/20200	APPARATUS	1347 320	; 364/920.	. et al.	1.:	1	ţ.: :	r	1 11	I.
e r	บร 3655910	19720411	A MAGNETIC RECORDING,	386/54		Wada, Yoshiyo	С	Г	τ	г	С 1	•
8888888 <b>8</b> :	; <b>N</b>		REPRODUCING. AND EDITIN	: ::::::::::::::::::::::::::::::::::::								
E C	บีร 3666893	19720530	MAGNETIC ERASER WITH	360/66	331/108A : 331/176	Fujiwara, Tatsuo	С	П	Γ.	Г	r.	į
	A US 3668310	19720606	HEAD WINDING AS PART OF MAGNETIC VIDEO	360/84	360/15	yano, Osahiko		_ :		- 1	_ }-	
R C	A	13720000	RECORDING AND REPRODUCI		; 360/16	. et al.	г	E.:	С	С	E [1	
P C	2716666	19730109	ANTI-CROSSTALK SYSTEM	360/128		Kohtani, Yutaka	r	<b>r</b>	r	r i	<b>-</b> i	
M. I.	" :A		FOR MULTI-TRACK MULTIPL									,
ם א	US 3732016	19730508	METHOD AND APPARATUS	356/382	250/559.27	Deshayes,	r	Π.	С	г,	Γ.	
	A US 3800327	19740326	FOR MEASURING MATERIAL	360/105	356/388	Philippe-Marie Okita, Shin						•
ו ש	us 3800327	19/40326	MAGNETIC RECORDING AND REPRODUCING APPARATUS W		242/340	. et al.	٦	r	۳.	n,	٦	
P C	us 3812529	19740521	SYSTEM FOR	360/25	324/212	Yoichi, Tsuchiya	г	-	г	г	_	
88888 <b>8</b>	` : <sub>N</sub>		DISCRIMINATING CLASSIFI		: 360/66	· · · · · · · · · · · · · · · · · · ·	: ' :				. l	
ן ש	US 3893188	19750701	Multichannel magnetic	360/121	360/109	Shoemaker, William	г	r	r	п	r i	
	A	10770502	head unit	201 (60	: 360/129	M. Clica				·y		
R L	US 4021613	19770503	Audio information	381/62	984/309 : 984/DIG.	Kennedy, Clive	េ	г	r	г	E.	
	US 4037259	19770719	modifying apparatus Method and equipment	360/66	360/69	Hammon, Fritz	-	_	_	С		•
333333	: <b>T</b> \	15:10:15	for switching the opera			. et al.	1.3	1	1,,		1	
<b>P</b> C	US 4038692	19770726	Tape sensing device for	360/25	360/65	Umeda, Kenkichi	Г	г	T.	С	<b>F</b>	
3333 <b>334</b> -	: 73		magnetic_tabe_recording		: 360/66	et al.						
8 L	US RE29922	19790227	Track selection control			Sampson, Sidney O.	r	Г	Г	П	Γ.	
	US 4146956	19790403	means for magnetic sign Method for	29/603.08	29/593	Fujiwara, Tatsuo	Г			С	_	•
9969994 7	: N	25 (50.05	manufacturing a multipo		; 29/737		1.3	1	1.7	1.:	. I	
p r	US 4205356	19800527	Erasing head	360/118	360/66	Tanaka, Fumio	Г	Г	Г	c	г	
						. et al.				1		
E L	US 4223362	19800916	Tape recording and/or	360/137	360/61 ; 360/69	Kishi, Yoshio	Г	n	n.	Г	Γ.	
	US 4245265	19810113	reproducing apparatus Automatic tape bias	360/66	360/31	Kogure, Takuyo						•
333333	Σ	15010115	adjusting and signal co		300,31	. et al.	D	1.7	1.	ר	l.,	
ø r	US 4262255	19810414	Level indicating device		324/122	Kokei, Akira	r	r	П	г	-	
3333333	: 7.	1.00001.55		1	: 324/96	. et al	ļi		······	ļļ		
ם מ	US 4326224	19820420	Automatic signal	360/65	360/68	Kogure, Takuyo	r	п	г	г	Г	
	US 4353100	19821005	compensation_recording_ Magnetic recording	360/65	360/66	, et al. Inoue, Hideo						
******	: <b>A</b>	15521000	system with signal-cont		330,00	Inode, indeo	Г	г	Г	٦	1	
g r	US 4376292	19830308	Apparatus for erasing	360/66		Mignolet, Georges	г	r	-	r	r	
333338	Δ		and reproducing audio s		<u> </u>	M. A. Furuta, Kenji	ļ. <u></u>			ļļ		
P T	US 4435735	19840306	Magnetic	360/74.4	360/72.1	Furuta, Kenji	n	П	П	r	<b>r</b>	
	A US 4453186	19840605	recording-reproducing a Video and sound signal		386/39	Watatani,	ļ	<u>-</u>	ļ	<del> </del>		
	1	13040003	recording and reproduci		200/23	Watatani, Yoshizumi	П	Г	Г	Г	Г	
p -	บร 4504874	19850312	Tape recorder	360/66	1	Imai, Yugo		<b></b>	_	Г	_	
J # 11	Δ		•			1	 		 	: 1 \$8888888	• ] 332::::8	8
in Orași										<u> </u>		

	View		14	p.l] Todis Window EN 8 21 44	Fleib	A BEZ Stree (## (Self.ion)	Edinas Walled :		0							8
1		1	n	ocument II	) Issue Dat P			Current XR	Retrieval	Inventor	S	c	p	21	3 1	
64	ø	Г	U:	5 4353100	19821005	Magnetic recording	360/65	360/66		Inoue, Hideo	40000000	**********	******	***	гг	300
<b>6</b> 5	3	r	U:	s <b>4</b> 376292	19830308	system with signal-cont Apparatus for erasing and reproducing audio.s	360/66			Mignolet, Georges M. A.	ļ	ļ				
66	F	٢	Ü	S 4435735	19840306	Magnetic	360/74.4	360/72.1	j	Furuta, Kenji	г	г	T.	Г	с с	
57	R	٣	U:	S 4453186	19840605	recording-reproducing a Video and sound signal recording and reproduci		386/39		Watatani, Yoshizumi	Г	Г	€.:	r.		: 8
<b>3</b> 8	P	г	Ü	S 4504874	19850312	Tape recorder	360/66			Imai, Yugo	C	r:	Γ.	п	ה ה	:
59	₽	С	Ü	s 4511935	19850416	Tape recorder	360/66			Imai, Yougo	С	С	τ.:	c	c   c	
70	₽	ר	Ü:	s 4527206	19850702	Apparatus for controlling braking ope	360/71	242/355 : 360/74.1		Suzuki, Shigeru . et al.	۲	r	C	n,	c c	
11	4	1	·Δ	S 4605974	19860812	Magnetic recording and reproducing apparatus	360/62	360/64		Ochi, Atsuo . et al.	٣	٣	٣	r,	гг	7
12	4		U:	s 4616273	19861007	Tape recording apparatus provided with	360/66			Ishii, Eiichi . et al.	г	г	٣	г	г г	
13	a		: A	s 4620239	19861028	Retrieval signal recording apparatus for	360/8	360/27 ; 360/72.2		Fujii, Fumiaki	r	ព	r	п	r r	
7 d	4	:	· A	s 4734798	19880329	Magnetic recording and reproducing apparatus			1	Uchimi, Takashi . et al.	r	Г	ព	п	רר	
75	4		U	S 4736262	19880405	Bidirectional magnetic recording and reproduci		360/109		Miyamoto, Fumihiko . et al.	ר	г	េ	г	ר ר	:
6	a .		: 12	s 4737865	19880412	Magnetic recording editing apparatus with	386/63	360/60 ; 360/66		Murakami, Mitsuaki et al	Г	ក	r	г	ר ר	5 E
7	4		: 🔼	s 4827360	19890502	Rotary transformer with winding to cancel cross		360/124 : 360/66		Kawasaki, Satoshi et al.	Г	С	П	r	r r	: !!
8	1		: Δ	s 5036411	19910730	Magnetic tape transport mechanism which absorbs		360/130.32		Hosoya, Atsushi et_al	r	п	п	С	r r	7
9	9		: 1	s 5050012	19910917	High-speed erasing apparatus for use in ma			1	Nishiumi, Hiroshi . et al.	Г	Г	Г	С	c c	: :
10				5 5251283	19931005	Speech recognition system with an automati	704/200			Honis, Rudolf	Г	С	п	ר	ב כ	: 2
1	E		:А	S 5280393	19940118 7	Circuit for monitoring the recorded state of a	360/25			Kwon, O Sang	г	r	r	٦	r (	
2	F	:	U:		19940614	Biasing and erasing apparatus and method fo		360/68		Sanford, Robert	'n	r	п	٦	r r	
3	3		: 7	5 5341253	19940823	Extended circuit of a HiFi KARAOKE video cass		360/13		Liao, Pohsien . et al.	г	n	г	٦	ר ר	•
4	4	:	: 7	s 5386326	19950131	Oscillating erase	360/66	360/46		Harman, Jefferson H.	г	r	r	г	г	
5	4	:	ŀΑ	S 5495929	19960305	Apparatus and method for validation of bank		382/137		Batalianets, Valeri V.	r	n	П	٦	r r	
6	1	1	Α	5 5508871	19960416	Continuous audio and	360/132	226/194 : 242/326.		Ng, Tat O.	r	n	п	r	r r	•
37	P	Г	U:	5 5592344	19970107	AC bias control circuit for magnetic recording	360/66	360/68		Tsuruoka, Tatsuya	r	n	r	r	r	: 00
<b>:</b>		*****									200000			les e	<u> </u>	306
y ma	Ο.	rtelle	Γ												-	#
ady															NUM	ø



	υ	1	Do	cument ID	Issue Dat	Pages	Title	Current OR	Current XR
1	Ø	П	US A	3599222	19710810	5	VELOCITY SHOCK RECORDER		346/136 ; 346/33M
2	R	Tani	Α		19730515		FILM-TAPE SYNCHRONIZATION SYSTEM	352/22	
3	Ø	<b>1</b>	Α		19740416		SYSTEM FOR SIMULTANEOUS RECORDING WITH A CAMERA		352/22 ; 352/5
4	R	•	Α	3838454	19740924			360/71	360/78.02
5	K		Α	3846685	19741105		TAPE PLAYER CARTRIDGE CONTROL CIRCUIT	388/812	ļ
6	P	<b>,</b>	Α	4158865	19790619		device for cassette tap		360/65
7	V		US A	4173773	19791106		Tape end alarm for tape recorder	360/67	360/74.1
8	K	8,,,;	A	4255771	19810310		Video signal reproducing apparatus		360/107 ; 360/70
9	V	•	Δ	4271439	19810602		Electronic gain and noise control for recor	360/65	360/68
10	V		Α	4288827	19810908		Automatic switching device for cassette tap		360/66 ; 360/73.0
11	K	•	Α	4317142	19820223		Electronic gain and noise control for recor	360/67	360/61
12	D.	Г	US A	4342059	19820727		Electronic gain and noise control for recor	•	360/124 ; 360/26
13	Ø	<b>1</b> *	Α	4353100	19821005		Magnetic recording system with signal-cont	360/65	360/66
14	Z		US A	5140567	19920818		Method for controlling recording medium player	3	360/15 ; 369/3
4									<b>M</b>

夕田s 〇Details

Start BEAST Tools PAST - [default.w...